

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 577 | @ad<="20020111" and (438/455). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:44 |
| S2 | 158 | @ad<="20020111" and (438/456). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:40 |
| S3 | 53 | @ad<="20020111" and (438/457). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 07:57 |
| S4 | 375 | @ad<="20020111" and (438/458). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 07:58 |
| S5 | 548 | @ad<="20020111" and (438/459). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 07:58 |
| S6 | 453 | @ad<="20020111" and (438/460). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 07:58 |
| S7 | 363 | @ad<="20020111" and (427/289). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S8 | 292 | @ad<="20020111" and (451/53). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 08:03 |
| S9 | 2016 | @ad<="20020111" and (438/690-692).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 08:19 |
| S10 | 249 | @ad<="20020111" and (451/44). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|----|------------------|
| S11 | 363 | @ad<="20020111" and (427/289). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 08:05 |
| S12 | 312 | @ad<="20020111" and (257/e21. 237).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S13 | 292 | @ad<="20020111" and (257/e21. 23).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 08:13 |
| S14 | 393 | @ad<="20020111" and (257/618). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S15 | 454 | @ad<="20020111" and (257/620). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 09:24 |
| S16 | 151 | @ad<="20020111" and (438/413). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 08:19 |
| S17 | 154 | @ad<="20020111" and (257/e21. 238).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S18 | 252 | @ad<="20020111" and (257/e21. 239).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S19 | 303 | @ad<="20020111" and (257/e21. 002).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S20 | 183 | @ad<="20020111" and (257/e21. 022).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:42 |
| S21 | 1 | '9-251934' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 14:24 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|----|------------------|
| S22 | 116 | 'shin-etsu' and 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:25 |
| S23 | 1 | 'JP 9-251934' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:04 |
| S24 | 1 | 'JP09251934' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:20 |
| S25 | 2 | '09251934' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:21 |
| S26 | 3 | '06061201' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:23 |
| S27 | 3 | "02275613" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:23 |
| S28 | 76 | 'shin-etsu handotai' and 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 13:46 |
| S29 | 336 | 'hitachi ltd' and 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:26 |
| S30 | 33 | 'hitachi ltd' and 'wafer' same 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 14:08 |
| S31 | 70 | 'shin-etsu' and 'wafer' same 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:50 |
| S32 | 191 | @ad<="20020111" and 'wafer' and 'chamfered' same 'polished' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 13:00 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|----|------------------|
| S33 | 2 | @ad<="20020111" and 'wafer' and 'chamfered' same 'polished' and 'non-mirror' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:54 |
| S34 | 2 | @ad<="20020111" and 'wafer' and 'chamfered' and 'polished' and 'non-mirror' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:54 |
| S35 | 8 | @ad<="20020111" and 'wafer' and 'chamfered' and 'polished' and 'unpolished' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:57 |
| S36 | 23 | @ad<="20020111" and 'wafer' and 'chamfered' same 'mirror finished' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:58 |
| S37 | 23 | @ad<="20020111" and 'wafer' and 'chamfered' same 'mirror' adj1 'finished' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 13:58 |
| S38 | 0 | @ad<="20020111" and 'wafer' and 'chamfered' same 'mirror' adj1 'finished' same 'non mirror' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/24 07:56 |
| S39 | 2 | @ad<="20020111" and 'wafer' and 'chamfered' same 'non mirror' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 14:03 |
| S40 | 3 | @ad<="20020111" and 'wafer' and 'chamfered' and 'non mirror' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 14:03 |
| S41 | 2 | @ad<="20020111" and 'wafer' and 'chamfered' and 'non-mirror' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 14:03 |
| S42 | 368 | ota-yutaka.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 14:25 |
| S43 | 50 | ota-yutaka.in. and 'substrate' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/23 14:25 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S44 | 77 | 'shin-etsu handotai' and 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 13:47 |
| S45 | 33 | 'hitachi ltd' and 'wafer' same 'chamfered' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 14:19 |
| S46 | 55 | 'wafer' same 'chamfered' same 'polish' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 14:20 |
| S47 | 65 | 'chamfered' with 'polish' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 14:20 |
| S48 | 1 | "20030110803".PN. | US-PGPUB | OR | ON | 2005/01/05 14:22 |
| S49 | 1 | "20030109202".PN. | US-PGPUB | OR | ON | 2005/01/05 14:22 |
| S50 | 1 | "20020121110".PN. | US-PGPUB | OR | ON | 2005/01/05 14:22 |
| S51 | 586 | @ad<="20020111" and (438/455). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:40 |
| S52 | 162 | @ad<="20020111" and (438/456). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:40 |
| S53 | 1271 | @ad<="20020111" and (438/457-460).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S54 | 367 | @ad<="20020111" and (427/289). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S55 | 323 | @ad<="20020111" and (257/e21. 237).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S56 | 395 | @ad<="20020111" and (257/618). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|----|------------------|
| S57 | 251 | @ad<="20020111" and (451/44). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S58 | 170 | @ad<="20020111" and (257/e21. 238).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S59 | 252 | @ad<="20020111" and (257/e21. 239).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S60 | 303 | @ad<="20020111" and (257/e21. 002).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/10 10:41 |
| S61 | 189 | @ad<="20020111" and (257/e21. 022).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:18 |
| S62 | 353 | @ad<="20020111" and (438/690). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:33 |
| S63 | 2 | "20040140536" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 08:39 |
| S64 | 560 | 'wafer notch' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 11:09 |
| S65 | 560 | 'wafer notch' or 'wafer chafer' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/19 16:01 |
| S66 | 636 | 'wafer notch' or 'wafer chamfer' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 11:11 |
| S67 | 34 | 'wafer notch' and 'curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/29 15:48 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|----|------------------|
| S68 | 1 | "5490811".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:04 |
| S69 | 1 | "5458529".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:05 |
| S70 | 1 | "5445554".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:06 |
| S71 | 1 | "5445554".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:06 |
| S72 | 1 | "4905425".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:06 |
| S73 | 1 | "5185965".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:06 |
| S74 | 1 | "5117590".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:07 |
| S75 | 1 | "4783225".PN. | USPAT; USOCR | OR | ON | 2005/05/19 16:08 |
| S76 | 19 | 'wafer notch' same 'radius' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:36 |
| S77 | 1 | "6341996".PN. | USPAT; USOCR | OR | ON | 2005/05/20 08:21 |
| S78 | 1 | "5083378".PN. | USPAT; USOCR | OR | ON | 2005/05/20 08:21 |
| S79 | 2 | "2991555".PN. | USPAT; USOCR | OR | ON | 2005/05/20 08:21 |
| S80 | 220 | 'wafer' and 'notch' and 'radius' and 'shoulder' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:37 |
| S81 | 3 | 'wafer' and 'notch' and 'radius' and 'shoulder' same 'arc' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:40 |
| S82 | 5 | 'wafer' and 'shoulder' with 'circular' with 'arc' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:43 |
| S83 | 3 | @ad<="20040112" and 'wafer' and 'notch' same 'shoulder circular' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:45 |
| S84 | 183 | @ad<="20040112" and 'wafer' and 'notch' same 'shoulder' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:49 |

EAST Search History

| | | | | | | |
|-----|----|--|---|----|----|------------------|
| S85 | 4 | @ad<="20040112" and 'wafer' and 'notch' same 'shoulder' same 'radius' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:46 |
| S86 | 28 | @ad<="20040112" and 'wafer' with 'notch' same 'shoulder' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:04 |
| S87 | 17 | @ad<="20040112" and 'wafer' with 'eccentric' with 'notch' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 08:55 |
| S88 | 1 | @ad<="20040112" and 'wafer' with 'notch' and 'shoulder' with 'curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:05 |
| S89 | 14 | @ad<="20040112" and 'wafer' with 'notch' and 'shoulder' and 'curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:05 |
| S90 | 2 | @ad<="20040112" and 'wafer' with 'notch' and 'shoulder' same 'curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:05 |
| S91 | 4 | @ad<="20040112" and 'wafer' with 'notch' and 'shoulder' same 'radii' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:06 |
| S92 | 4 | @ad<="20040112" and 'wafer' with 'notch' and 'shoulder' same 'radius' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:09 |
| S93 | 38 | @ad<="20040112" and 'semiconductor' and 'notch' and 'shoulder' same ('curvature' or 'radius' or 'radii') | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:10 |
| S94 | 1 | "5490811".PN. | USPAT; USOCR | OR | ON | 2005/05/20 09:31 |
| S95 | 1 | "4167836".PN. | USPAT; USOCR | OR | ON | 2005/05/20 09:31 |
| S96 | 1 | "5490811".PN. | USPAT; USOCR | OR | ON | 2005/05/20 09:32 |
| S97 | 1 | "5289661".PN. | USPAT; USOCR | OR | ON | 2005/05/20 09:32 |

EAST Search History

| | | | | | | |
|----------|------|---|---|----|----|------------------|
| S98 | 1720 | @ad<="20020111" and (451/44). ccls. or (451/258).ccls. or (451/57). ccls. or (451/65).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 09:34 |
| S99 | 1 | "5490811".PN. | USPAT; USOCR | OR | ON | 2005/05/20 09:34 |
| S10 0 | 1 | 'wafer notch' and 'curvature' and 'symmetric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 12:13 |
| S10 1 | 245 | @ad<="20040112" and ('arc' or 'curcular') with 'notch' and 'symmetrical' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 12:59 |
| S10 2 | 30 | @ad<="20040112" and ('arc' or 'curcular') with 'notch' same 'symmetrical' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 12:59 |
| S10 3 | 0 | @ad<="20040112" and 'wafer' and ('arc' or 'curcular') with 'notch' same 'symmetrical' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 13:08 |
| S10 4 | 118 | @ad<="20040112" and 'wafer' and ('arc' or 'curcular') with 'notch' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 12:59 |
| S10 5 | 57 | @ad<="20040112" and 'wafer' same ('arc' or 'curcular') with 'notch' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 12:59 |
| S10 6 | 19 | @ad<="20040112" and 'wafer' and ('arc' or 'curcular') with 'notch' and 'symmetrical' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 13:38 |
| S10 7 | 31 | YAMAZAKI-KEISUKE.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 13:24 |
| S10 8 | 49 | @ad<="20040112" and 'wafer' and 'notch' with 'smooth' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 13:40 |

EAST Search History

| | | | | | | |
|------|----|--|---|----|----|------------------|
| S109 | 2 | "20040113236" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 13:39 |
| S110 | 4 | @ad<="20040112" and 'wafer' and 'notch' with 'smooth edge' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:05 |
| S111 | 0 | @ad<="20040112" and 'semiconductor' and 'notch' with 'same shoulder' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:05 |
| S112 | 0 | @ad<="20040112" and 'semiconductor' and 'notch' with 'smooth shoulder' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:05 |
| S113 | 90 | @ad<="20040112" and 'semiconductor' and 'notch' with 'shoulder' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:07 |
| S114 | 5 | @ad<="20040112" and 'semiconductor' and 'notch' with 'same curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:08 |
| S115 | 0 | @ad<="20040112" and 'wafer' and 'notch' with 'same curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:08 |
| S116 | 41 | @ad<="20040112" and 'wafer' and 'notch' with 'curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 12:38 |
| S117 | 1 | "5490811".PN. | USPAT; USOCR | OR | ON | 2005/05/20 14:14 |
| S118 | 1 | "5458529".PN. | USPAT; USOCR | OR | ON | 2005/05/20 14:14 |
| S119 | 0 | yoshiharu-hidaka.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:29 |
| S120 | 67 | Hidaka-Yoshiharu.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 14:36 |

EAST Search History

| | | | | | | |
|----------|-----|--|---|----|-----|------------------|
| S12 1 | 6 | Ikenouchi-Katsuyuki.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:00 |
| S12 2 | 701 | ('trench' or 'via') same 'nitride' same 'oxynitride' same 'thickness' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:01 |
| S12 3 | 240 | ('trench' or 'via') same 'nitride' same 'oxynitride' same 'thickness' with 'angstrom' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:03 |
| S12 4 | 10 | ('trench' or 'via') same 'liner' with 'nitride' with 'oxynitride' same 'thickness' with 'angstrom' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:15 |
| S12 5 | 1 | "6509266".PN. | USPAT; USOCR | OR | ON | 2005/05/20 15:11 |
| S12 6 | 1 | "6489233".PN. | USPAT; USOCR | OR | ON | 2005/05/20 15:12 |
| S12 7 | 20 | ('trench' or 'via') same 'liner' with 'nitride' with 'oxynitride' same 'thickness' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:28 |
| S12 9 | 641 | 'capacitor' and 'dielectric' same 'nitride' with 'oxynitride' same 'thickness' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:29 |
| S13 0 | 99 | 'trench capacitor' and 'nitride' with 'oxynitride' same 'thickness' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 15:29 |
| S13 1 | 2 | ("6439969").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/29 15:37 |
| S13 2 | 2 | "20040113236" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/29 15:40 |

EAST Search History

| | | | | | | |
|----------|-----|--|---|----|-----|------------------|
| S13 3 | 683 | 'wafer notch' or 'wafer chamfer' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/29 15:49 |
| S13 4 | 35 | 'wafer notch' and 'curvature' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/29 15:49 |
| S13 5 | 35 | S133 and S134 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/29 15:49 |
| S13 6 | 0 | @ad<="20040112" and 'wafer' and 'chamfer' and 'notch' with 'symmetrical' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 13:09 |
| S13 8 | 44 | @ad<="20040112" and 'wafer' and 'symmetrical' with 'notch' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 12:41 |
| S13 9 | 3 | @ad<="20040112" and 'wafer' and 'symmetrical' with 'chamfer' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 12:41 |
| S14 0 | 2 | ("5185965").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 12:55 |
| S14 1 | 3 | "2001036738" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 09:17 |
| S14 2 | 2 | "20010036738" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 09:18 |
| S14 3 | 2 | ("6326309").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 09:19 |
| S14 4 | 1 | "5923993".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:18 |

EAST Search History

| | | | | | | |
|----------|-----|--|---|----|-----|------------------|
| S14 5 | 1 | "5913712".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:18 |
| S14 6 | 2 | "20020164934" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 09:20 |
| S14 7 | 3 | ("6913526").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 13:12 |
| S14 8 | 1 | "6306016".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:21 |
| S14 9 | 1 | "6220938".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:21 |
| S15 0 | 1 | "5626511".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:21 |
| S15 1 | 1 | "5295331".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:21 |
| S15 2 | 1 | "5056270".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:22 |
| S15 3 | 1 | "3686796".PN. | USPAT; USOCR | OR | ON | 2006/06/02 09:22 |
| S15 4 | 1 | "6306016".PN. | USPAT; USOCR | OR | ON | 2006/06/02 12:28 |
| S15 5 | 57 | "Ozaki Haruo" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 12:55 |
| S15 7 | 295 | @ad<="20040112" and wafer same notch and curvature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 13:09 |
| S15 8 | 67 | "Honda Katsuo " | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 13:13 |
| S15 9 | 1 | "6045436".PN. | USPAT; USOCR | OR | ON | 2006/06/02 13:59 |
| S16 0 | 1 | "5727990".PN. | USPAT; USOCR | OR | ON | 2006/06/02 14:00 |
| S16 2 | 686 | @ad<="20040112" and "semiconductor wafer" with notch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:07 |

EAST Search History

| | | | | | | |
|----------|------|---|---|----|----|------------------|
| S16 4 | 18 | @ad<="20040112" and "Ozaki haruo" and wafer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:08 |
| S17 3 | 794 | @ad<="20040112" and (257/797). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:27 |
| S17 5 | 663 | @ad<="20040112" and (438/462). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:27 |
| S17 6 | 295 | @ad<="20040112" and (451/44). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:28 |
| S17 7 | 590 | @ad<="20040112" and (257/620). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:38 |
| S17 8 | 123 | @ad<="20040112" and (451/14). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:28 |
| S17 9 | 663 | @ad<="20040112" and (438/462). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:29 |
| S18 0 | 1728 | @ad<="20040112" and (451/5). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:29 |
| S18 2 | 1843 | @ad<="20040112" and (257/E23. 179).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:29 |
| S18 3 | 495 | @ad<="20040112" and (257/618). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:38 |